Undergraduate training opportunity in the laboratory of Dr. Melissa Herbst-Kralovetz at the University of Arizona, College of Medicine-Phoenix in the Dept. of Basic Medical Sciences

Project: Studying host-pathogen interactions at the reproductive mucosa using cell-based and molecular biology techniques

The successful candidate will study host-pathogen interactions at the epithelial surface and the role these sentinels of the immune system play in mucosal immunity and protection of the reproductive mucosa. Dr. Herbst-Kralovetz’s laboratory is located in the state-of-the art Arizona Biomedical Collaborative Building 1 on the downtown Phoenix Biomedical Campus. The atmosphere is highly interactive, and the laboratory collaborates with local researchers at Arizona State University, the University of Arizona in Tucson, and other nationally recognized laboratories. For further information, please visit http://phoenixmed.arizona.edu/directory/herbst-kralovetz-melissa.

We are seeking a motivated and enthusiastic student to join our research team. The student will aid in studies to evaluate the innate immune response to sexually transmitted pathogens, training in microbiology techniques as well as cell-based and molecular assays will be provided. The position includes laboratory training in the culture and cryopreservation of human cells. Students will also learn to analyze, organize and compile data into reports and/or presentation formats. Applicants that possess attention to detail, are motivated to learn new techniques and have an interest and background in biology are encouraged to apply. An ideal applicant would have experience in pipetting and a working knowledge of basic laboratory techniques. A commitment of 10-15 hours per week is required at the Arizona Biomedical Collaborative Building 1 located on the downtown Phoenix Biomedical Campus.

Please send a resume and a short statement about your research interests and long-term career goals by email to mherbst1@email.arizona.edu.